

Date: Fri, 8 Jan 93 09:06:17 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #38  
To: Info-Hams

Info-Hams Digest Fri, 8 Jan 93 Volume 93 : Issue 38

Today's Topics:

CTCSS  
Dayton Hamfest Camping  
DRAKE TR-7(A) XCVR (2 msgs)  
DXCC Status of Czech and Slovakia?  
Fiberglass for Antennas  
License delays  
Origin of "88's" and "73's" ?  
QSL status of YX0AI  
Thank You!  
W5YI - Economical with the truth?  
WANTED: Manual for Galaxy 300  
WANTED: Wincharger tower specs  
Weather treating of bamboo quad spreaders

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Fri, 8 Jan 1993 14:02:06 GMT  
From: swrinde!gatech!kd4nc!ke4zv!gary@network.UCSD.EDU  
Subject: CTCSS  
To: info-hams@ucsd.edu

In article <1993Jan7.183258.17573@tijc02.uucp> eri316@tijc02.uucp (Ed  
Ingraham ) writes:  
>All this discussion of closed vs open repeaters and CTCSS (which seems  
>such an attractive solution) brings up the question:  
>

>If two stations transmit at the same time on the input of a repeater,  
>one with the CTCSS which the repeater uses and one without, what comes out  
>of the repeater transmitter?  
>  
>If the CTCSS signal is stronger, he comes through. Otherwise, nothing. Right?

Well there are three cases. In the first case, the CTCSS user captures the repeater receiver and is repeated with virtually no interference. The second case is that the non-CTCSS station captures the receiver and the repeater doesn't activate. The third case is the messy one. That's where neither signal fully captures the receiver yet the CTCSS is decoded. Then you get the typical doubling heterodyne. Usually though, if the receiver can decode the CTCSS, the desired station will be intelligible.

Gary

--  
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary  
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary  
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary  
Lawrenceville, GA 30244 | | emory!ke4zv!gary@gatech.edu

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Date: Fri, 8 Jan 1993 14:48:38 GMT  
From: usc!cs.utexas.edu!hermes.chpc.utexas.edu!news.utdallas.edu!corpgate!  
brtph560!nrtpa038!harp@network.UCSD.EDU  
Subject: Dayton Hamfest Camping  
To: info-hams@ucsd.edu

In article <1993Jan7.172559.25744@cbfsb.cb.att.com> wb2qoq@cbnewsb.cb.att.com  
(r.j.anderson) writes:

>I am looking for campground suggestions from anyone who has camped in the Daytonarea for the Hamvention. The last time (1991) my wife and I camped in our 20 ft.trailer at the Enon Beach campground, approx. 20 miles east of Dayton, right >off of Rt.70, near Springfield. It was sort of a run down campground, sites >were close together. I am thinking about making reservations at a campground >for this years Hamvention. Are there any recommended campgrounds from readers >of this newsgroup.

>TNX Rick Anderson WB2QOQ (please e-mail to rja@zeppo.att.com)  
I have always stayed at the Dayton KOA for the hamfest. The shuttle bus makes it very convenient. It fills up fast. All hookups are gone on Wednesday or thursday before the hamfest. They don't take reservations. They do have an open field that they put spill over campers in. They don't turn anyone away.

As for Springfield, since I have relatives there I have used one just

East of Springfield on old route 40. I think it was called hidden oaks. The place is nice with a few exceptions. I never tried to stay there during the hamfest. Everytime I was there it wasn't crowded at all. I do believe that there is or was some controversy over ownership, forclosure, or something. They did some silly things like get rid of all the picnic tables at the camp site etc. So before you go there be sure it is open. It is a long way to the hamfest from there.

\*\*\*\*\*  
\* Alan Harp K4PB \* Bell-Northern Research \* CW FOREVER \*  
\* mail: harp@bnr.ca \* Research Triangle Park, NC \* \*  
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Date: Fri, 8 Jan 1993 15:00:36 GMT  
From: usc!cs.utexas.edu!hermes.chpc.utexas.edu!news.utdallas.edu!corpgate!  
brtph560!nrtpha038!harp@network.UCSD.EDU  
Subject: DRAKE TR-7(A) XCVR  
To: info-hams@ucsd.edu

In article <#602qxh@rpi.edu> root@june.cmp.rpi.edu (J.R. Ordon) writes:  
>Has anybody out there owned or used the Drake TR-7(A) xvcr???

>I'd like to know it's good and bad points & How would it compare  
>in performance to rigs like the Icom 751A & Kenwood TS-830s..

>Any comments would be appreciated...

>thanks,

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>Email: root@june.cmp.rpi.edu

>Jeff Ordon WV2N

I own a Drake TR-7 tranciever. I've had it since it was new. It was considered by many as the best when it came out. I have an IC761. I have them set up so they can both recieve at the same time. I work split with the TR-7 receiver in one ear listening to the DX station and the IC761 is used to find the station he is working. The TR-7 receiver in my opinion is almost as good as the IC761. The TR-7 will go on the WARC bands but not as nicely as the newer rigs. Drake still provides service for them. If you get a chance to buy a one at a good price it is a good choice if you can't afford several \$K for a new one. I don't have any plans to sell mine.

\*\*\*\*\*  
\* Alan Harp K4PB \* Bell-Northern Research \* CW FOREVER \*  
\*\*\*\*\*

\* mail: harp@bnr.ca \* Research Triangle Park, NC \*  
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Date: 8 Jan 93 13:42:43 GMT

From: usc!howland.reston.ans.net!paladin.american.edu!gatech!emory!ncratl!ncrhub2!  
ciss!law7!jra@network.UCSD.EDU  
Subject: DRAKE TR-7(A) XCVR  
To: info-hams@ucsd.edu

root@june.cmp.rpi.edu (J.R. Ordon) writes:

>Has anybody out there owned or used the Drake TR-7(A) xvcr???

>I'd like to know it's good and bad points & How would it compare  
>in performance to rigs like the Icom 751A & Kenwood TS-830s..

I've had a TR-7 for a bunch of years now. Compared to today's radios,  
it's sadly lacking in bells and whistles (and that's an  
understatement...) but the basic RF is very good; I think only the very  
best of today's radios top the receiver performance. One fairly major  
problem (to some folks) is that since the radio uses a PTO rather than a  
synthesizer, it does drift a bit as it warms up. I've heard of units  
that moved as much as 500Hz from cold to operating temperature, but mine  
is more like 100Hz.

--  
John R. Ackermann, Jr. Law Department, NCR Corporation, Dayton, Ohio  
(513) 445-2966 John.Ackermann@daytonoh.ncr.com  
Packet Radio: ag9v@n8acv.oh tcp/ip: ag9v@ag9v.ampr [44.70.12.232]

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Date: 8 Jan 93 14:28:20 GMT  
From: usc!rpi!gatech!emory!ncratl!ncrhub2!ncrclm!tskelton@network.UCSD.EDU  
Subject: DXCC Status of Czech and Slovakia?  
To: info-hams@ucsd.edu

It was reported in the news that as of 1 January 1993, Czechoslovakia  
had agreed to split into two countries: Czech and Slovakia. Does  
anyone have info as to whether the DARC has acted to add these to the  
WAE list? Also, anyone have any idea when the DXAC will add this to  
their agenda?

It seems clear, from a DXCC standpoint, we will have 1 deletion and  
2 new countries. I hope the DXAC and ARRL Awards Committee act soon...  
Thanks in advance for any updates. 73, Tom WB4IUX

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Date: Fri, 08 Jan 1993 14:34:36 GMT  
From: usc!cs.utexas.edu!hermes.chpc.utexas.edu!news.utdallas.edu!corpgate!  
brtph560!batph8!batph39!jvogt@network.UCSD.EDU  
Subject: Fiberglass for Antennas  
To: info-hams@ucsd.edu

Greetings all - A while back I posted a request for information about good sources for fiberglass tubing for antenna use. Many people replied, some with information but to my surprise most replies were of the nature - 'if you find a good source, please let me know.' I compiled all of the sources I could find and sent out the list. Recently, I came across an EXCELLENT source for the stuff, so I'm broadcasting this information for everyone's benefit.

Max Gain Systems, Inc - 221 Greencrest Court, Marietta, Georgia 30068-3825

Phone is (404)973-6251.

They have:

Solid Rod:

Diameter (inches)	Length (feet)	Color	Cost
1/8	8	Black	\$2.50 each
3/16	8	Black	\$3.00 each
1/4	8	Black	\$4.00 each
3/8	8	Black	\$5.00 each
1/2	8	Black	\$6.00 each
5/8	Surplus call	Black	
3/4	Surplus call	Black	
1	Surplus to 10 ft.	Black	\$2.00 per foot

Square sided tube

Width on side (inches)	Wall Thickness (inches)	Length (feet)	Color	Cost
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1	1/8	4	Lt. Olive Green	\$9.00 each
1	1/8	8	Lt. Olive Green	\$18.00 each
1.5	1/8	4	Lt. Olive Green	\$13.00 each
1.5	1/8	8	Lt. Olive Green	\$24.00 each

Round tube

Diameter (inches)	Wall Thickness (inches)	Length (feet)	Color	Cost
1.25	1/8	8	Yellow	\$12.00 each
1.5	1/8	4	Lt Olive Green	\$12.00 each
1.5	1/8	8	Lt Olive Green	\$24.00 each

They also have telescoping quad spreaders;

If you use Visa/MC, add 3%.

They offer a quantity discount on quantities of 10 or more of any one item. If you order 10 or more pieces of 2 or 3 different types or lengths of fiberglass, each will qualify for the 20% quantity discount.

\$2.00 packing charge.

UPS will ship lengths up to 8 feet, and charges 25 lbs minimum weight.

I hope you find this useful. I'm excited about it because at these prices, I can build the Telerana LPDA in the Antenna Book for around \$100! If anyone knows of a cheaper source, please let me know.

73 to all,  
John KM40B

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Date: 8 Jan 93 04:21:22 GMT  
From: ogicse!das-news.harvard.edu!cantaloupe.srv.cs.cmu.edu!  
crabapple.srv.cs.cmu.edu!andrew.cmu.edu!dm3e+@uunet.uu.net  
Subject: License delays  
To: info-hams@ucsd.edu

Excerpts from netnews.rec.radio.amateur.misc: 7-Jan-93 License delays  
Kevin Purcell, Rho@micro (471)

> the FCC says its delay is at least 90days now. Plus VE and VEC delays  
> you can say at least 120days from exam to issue.

Are you saying the VE and VEC might not have sent these things in right away?

:(  
:(

David Markley  
N3??? (T+55 days)

Think it'll be even longer, since I took the Exam on Nov. 14, right  
before the holidays?

:(  
++David

Computing Services  
markley+@cmu.edu  
(412)268-7816

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Date: 8 Jan 93 14:46:10 GMT  
From: idacrd!tang!n4hy@uunet.uu.net  
Subject: Origin of "88's" and "73's" ?  
To: info-hams@ucsd.edu

>Thanks, Bob, for reiterating the obvious. Seems far too many folks, intent  
      ^^^^^^^^^^^^^^^^^^^^^^^^^^^^  
>on fracturing the English language, and now focusing on abbreviations and CW  
      ^^^^^^^^^^^^^^^^^^^^^^^^  
>shorthand.  
      ^^^^^^^^^

I love it when people blast other peoples grammar, sentence structure,  
misuse of words, etc. and do it in something that isn't even a sentence.

Do not throw stones if you live in a glass house.

BMc

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Date: 8 Jan 93 14:36:38 GMT  
From: usc!howland.reston.ans.net!paladin.american.edu!gatech!swrinde!emory!ncratl!  
ncrhub2!ncrclm!tskelton@network.UCSD.EDU  
Subject: QSL status of YX0AI  
To: info-hams@ucsd.edu

Some of the locals on the packetcluster report that QSL's from the most recent AVES ISLAND expedition are trickling in. One guy has sent cards to three different addresses and still doesn't have one, and this is a new one for him. Anyone out there have any good info on what's really happening? tnx! 73, Tom WB4IUX

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Date: 8 Jan 93 14:15:44 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Thank You!  
To: info-hams@ucsd.edu

Tom Sefranek WA1RHP

I enjoyed reading that first letter from you.  
Thank you for the Informal Class Sunday's Information.  
I will try to tune it in on my 2-meter rig.

I have a HF rig from Kenwood      The Two Meters Rig is from Kenwood.

My 2 Meters HT is from ICOM

I had other things to say... Well I got my Novice in April 1, 1989

My Tech. Came in some time October 1990

Now is the time for the General Class .....  
I belong to the Sussex County Amateur Radio Club.  
They have a Net every Wednesday Nights at 20:00 EST  
And then they go on the HF Rig After the 2 meters

I am not sure of the Frequency they use on the HF Rig.

For 2 Meters They use: 147.300

Well that's all for now.....73

Scott Caden Ream

Tech. Operator

KB2HKR

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Date: Fri, 8 Jan 1993 14:29:42 GMT

From: psinntp!pool!gsfm@uunet.uu.net

Subject: W5YI - Economical with the truth?

To: info-hams@ucsd.edu

In article <".7-Jan-93.12:26:57".\*,Iain\_Philipps.Bridge\_House@RXUK.Xerox.com>

GORDI.Bridge\_House@rxuk.xerox.com writes:

>Folks,

>

>I just got a package from W5YI through the mail; you know the sort of thing  
>.... subscription offers for The W5YI Report, Ham education books, etc. Also  
>included was a rather cute square piece of paper, headed 'CONGRATULATIONS!' A  
>real attention grabber.

>

>At the risk of boring some folks, reproduced here is the portion of the text of  
>this document with which I take issue:-

>

>"Congratulations! on the recent upgrading of your amateur radio operator  
>license! We note, however, that you upgraded without having your most recent  
>FCC amateur radio operator license in your possession. While this is perfectly  
>legal, the FCC does not allow VEC's to forward amateur radio upgrade (Form 610)  
>applications to them for new license issuance without a photocopy of the  
>applicant's most previous license attached. In view of this, we are HOLDING  
>your FCC FORM 610 application here at the VEC Office until we receive a copy  
>FROM YOU of your most previous amateur radio operator license.

>

>We want you to receive your upgraded license AS QUICKLY AS POSSIBLE. You CANNOT  
>receive your new amateur operator license without the previous license  
>photocopy being attached to your pending application being held here at the VEC  
>Office ....."

>

>Now, what, precisely is my problem?

>

>I started on the trail of a U.S. amateur license 18-Nov-92. At the session that  
>day, for one reason or another, I had time only to get through enough elements  
>to take me up to General class. A (very) few days later; 21-Nov-92, in fact, I  
>attended a further session, completing the remaining elements to take me to  
>Extra class. Of course, at the second session, I needed to fill out another

>'610. I did so, taking great care to complete the section which requested  
>information on any pending application which was as yet unactioned by the FCC.  
>My assumption was that they (the FCC) would be able to use that data to quickly  
>tie up my two '610s. Seems I was mistaken.

D  
D  
D  
D  
D  
D  
D

No. You have to follow the directions given by W5YI. Send him your latest  
license photocopy when you get it. The FCC only works on one application at a  
time.

>  
>OK - who can cite the FCC regulations cited by W5YI?  
>  
>73 - Iain  
>G0RDI  
>  
>g0rdi.bridgehouse@rxuk.xerox.com

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Date: Fri, 8 Jan 1993 16:37:39 GMT  
From: usc!sdd.hp.com!hpscit.sc.hp.com!icon.rose.hp.com!cmoore@network.UCSD.EDU  
Subject: WANTED: Manual for Galaxy 300  
To: info-hams@ucsd.edu

Hi all!

I have an old Galaxy 300 rig made by World Radio Labs. It was my first novice  
rig (traded a teletype for it about 10 years ago!) I thought it would be  
fun to restore it, so I'm looking for a manual.

Does anyone happen to have a manual for this beast? I'd be happy to pay  
copying and mailing costs. If not, maybe someone can give me suggestions  
as to where I might get a manual for it? I know there are some companies  
that carry manuals for old rigs...is any one better than the others?

Thanks!  
Chris Moore  
N6IYS  
cmoore@mothra.rose.hp.com

-----  
Date: 8 Jan 93 14:36:45 GMT

From: usc!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!111-winken!  
fnnews.fnal.gov!fnal.fnal.gov!munger@network.UCSD.EDU  
Subject: WANTED: Wincharger tower specs  
To: info-hams@ucsd.edu

WANTED: Wincharger tower specs and windload for city ordinance compliance.  
Has triangular 20 foot sections, one foot X cross members spaced every two  
feet. N9LCM, 1029 East Liberty Drive, Wheaton, IL 60187. 708-665-3952.  
Thanks!

-----  
Date: 8 Jan 93 14:33:52 GMT

From: usc!howland.reston.ans.net!paladin.american.edu!gatech!emory!ncrat1!ncrhub2!  
ncrclm!tskelton@network.UCSD.EDU  
Subject: Weather treating of bamboo quad spreaders  
To: info-hams@ucsd.edu

In an effort to greatly improve my signal on 20-10 meters in an  
affordable manner (i.e., XYL would throw me out of the house if I  
said I wanted to buy a KT34XA after just buying a new TS690S), I am  
considering putting a 4 element quad at the top of my 80 ft tower.  
I have a donation of a boom, have located inexpensive spreaders, and  
have large quantities of locally grown bamboo. However, I don't want  
to go to the trouble of putting that monster up and have it come down  
when the bamboo rots in 12 months.

Any of you had any experience in weather treating bamboo to make it last  
for 4 or 5 years? I have read articles that suggested wrapping each  
spreader in electrical tape, covering it with house paint, covering it with  
spar varnish, etc. Any real-life data would be appreciated!

Thanks! 73, Tom WB4IUX

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Date: Fri, 8 Jan 1993 15:15:38 GMT

From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!gatech!kd4nc!ke4zv!  
gary@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Jan02.061145.6961@ssc.com>, <1993Jan3.184611.5834@ke4zv.uucp>,  
<1993Jan06.234245.7665@ssc.com>D

Reply-To : gary@ke4zv.UUCP (Gary Coffman)

Subject : Re: 430mhz band under th

In article <1993Jan06.234245.7665@ssc.com> tad@ssc.com (Tad Cook) writes:  
>In article <1993Jan3.184611.5834@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman) writes:

>>  
>>You have that backwards, it won't do \*you\*, the repeater owner, any  
>>good because it only refers to interference between \*repeater\* stations.  
>>The applicable regulation for the case you state is 97.101(b) which  
>>says "No frequency will be assigned for the exclusive use of any station."  
>>As long as there is no \*on going\* QSO on the repeater that suffers  
>>interference by the simplex use, the simplex user is not in violation.  
>>Someone who comes on and attempts to "talk over" the packet transmission  
>>\*would\* be in violation for malicious interference.  
>  
>So a repeater has NO defense against a jammer who sets up a packet  
>station on its freq? The packet TNC will not transmit when there  
>is a signal present, so you are saying that the repeater user who  
>attempts to talk on the repeater at any time after the jamming TNC  
>has been set up could be cited because he is talking over the  
>"simplex user"??

No, not if he waited for transmission to cease before transmitting, maximum 7 seconds with standard packet TNCs. Then \*he\* would have the channel and the packet station would be interfering with \*him\* if it didn't hold off for the duration of his usage. This is just like HF or any other amateur use, the station transmitting has the right of way for the duration of his transmission.

Packet could be a good sharing partner as a matter of fact since it's designed to hold off automatically when the channel is busy. The big problem is determining when the channel is free. That would probably require a secondary receiver on the repeater output frequency to supply a carrier DCD to the TNC. Notice that the intent is not to \*jam\*, the intent is to \*share\* the frequency in accordance with 97.101(b). We actually played with this for a while with our repeater, but finally put up a separate repeater for packet only since sharing reduced packet thruput too much during drive time.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				emory!ke4zv!gary@gatech.edu

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Date: Fri, 8 Jan 1993 14:56:50 GMT

From: usc!zaphod.mps.ohio-state.edu!cis.ohio-state.edu!lightning.cis.ohio-state.edu!pitonyak@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <reid.29.725760302@ucs.indiana.edu>, <1993Jan03.232623.4498@uhura.neoucom.edu>, <13412@bnr-rsc.UUCP>onya  
Subject : Re: RFI susceptability of new cars?

In article <13412@bnr-rsc.UUCP> everett@nmerh97.NoSubdomain.NoDomain (Jerry F. Everett) writes:

>PROBLEM: When I use 50 watts:  
> - The AM/FM radio generates a load hum. (RF getting in somewhere)

I ran accros a similar problem and it appears as though the RF was  
was in my case coming in the antenna.

andy

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Date: 8 Jan 93 13:46:29 GMT  
From: news-mail-gateway@ucsd.edu  
To: info-hams@ucsd.edu

References (James, M., Headrick)p  
Subject : 1200 MHz is not microwave etc.

K4DII said:

"By the way, these letter designations were apparently originated by the old Sperry Electronic Tube Division, when they arbitrarily chose them to indicate the frequency range of their microwave tubes. This was probably over 40 years ago, before they moved to Florida"

My memory is that we used the letter designators K, X, S, L, P as early as 1941 when I attended the MIT Radar School. King Xerxes Seduces Lovely Princess was a memory aid used. The actual frequency bands used by specific equipments was classified, so the letter designators were handy. Actually the word radar was classified in 1941 - so the school was called Instruction in Ultra High Frequency Techniques or something like that.

73 Jim W3CPB headrick@radar.nrl.navy.mil

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End of Info-Hams Digest V93 #38

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